

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/785,210C
Source: 1Fw/16
Date Processed by STIC: 1/23/06

ENTERED



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/785,210C

DATE: 01/23/2006

TIME: 12:05:31

Input Set : A:\Periodic Antimicrobial Peptides.ST25.txt
 Output Set: N:\CRF4\01232006\J785210C.raw

3 <110> APPLICANT: The Dow Chemical Company
 4 Strom, Robert M.
 5 Brodsema, Philip J.
 7 <120> TITLE OF INVENTION: Periodic Antimicrobial Peptides
 9 <130> FILE REFERENCE: 62424a
 11 <140> CURRENT APPLICATION NUMBER: 10/785,210C
 12 <141> CURRENT FILING DATE: 2004-02-24
 14 <160> NUMBER OF SEQ ID NOS: 69
 16 <170> SOFTWARE: PatentIn version 3.3
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 16
 20 <212> TYPE: PRT
 21 <213> ORGANISM: Artificial
 23 <220> FEATURE:
 24 <223> OTHER INFORMATION: Periodic Peptide
 26 <400> SEQUENCE: 1
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 29 1 5 10 15
 32 <210> SEQ ID NO: 2
 33 <211> LENGTH: 20
 34 <212> TYPE: PRT
 35 <213> ORGANISM: artificial
 37 <220> FEATURE:
 38 <223> OTHER INFORMATION: Periodic Peptide
 40 <400> SEQUENCE: 2
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 43 1 5 10 15
 46 Lys Phe Ala Lys
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 50 <210> SEQ ID NO: 3
 51 <211> LENGTH: 24
 52 <212> TYPE: PRT
 53 <213> ORGANISM: artificial
 55 <220> FEATURE:
 56 <223> OTHER INFORMATION: Periodic Peptide
 58 <400> SEQUENCE: 3
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 64 Lys Phe Ala Lys Lys Phe Ala Lys
 65 20
 68 <210> SEQ ID NO: 4
 69 <211> LENGTH: 28
 70 <212> TYPE: PRT

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71 <213> ORGANISM: artificial
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Periodic Peptide
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82 Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys
83 20 25
86 <210> SEQ ID NO: 5
87 <211> LENGTH: 32
88 <212> TYPE: PRT
89 <213> ORGANISM: artificial
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Periodic Peptides
94 <400> SEQUENCE: 5
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97 1 5 10 15
100 Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys
101 20 25 30
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105 <211> LENGTH: 48
106 <212> TYPE: PRT
107 <213> ORGANISM: artificial
109 <220> FEATURE:
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112 <400> SEQUENCE: 6
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118 Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys
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123 35 40 45
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127 <211> LENGTH: 68
128 <212> TYPE: PRT
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134 <400> SEQUENCE: 7
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140 Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys
141 20 25 30
144 Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys
145 35 40 45
148 Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys
149 50 55 60
152 Lys Phe Ala Lys
153 65

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Input Set : A:\Periodic Antimicrobial Peptides.ST25.txt
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156 <210> SEQ ID NO: 8
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164 <400> SEQUENCE: 8
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167 1 5 10 15
170 Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys
171 20 25 30
174 Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys
175 35 40 45
178 Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys
179 50 55 60
182 Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys Lys Phe Ala Lys
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192 <212> TYPE: PRT
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195 <220> FEATURE:
196 <223> OTHER INFORMATION: Periodic Peptide
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210 <212> TYPE: PRT
211 <213> ORGANISM: artificial
213 <220> FEATURE:
214 <223> OTHER INFORMATION: Periodic Peptide
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222 Arg Phe Ala Arg Arg Phe Ala Arg Arg Phe Ala Arg
223 20 25
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228 <212> TYPE: PRT
229 <213> ORGANISM: artificial
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Periodic Peptide
234 <400> SEQUENCE: 11
236 Arg Phe Ala Arg Arg Phe Ala Arg Arg Phe Ala Arg Arg Phe Ala Arg
237 1 5 10 15

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255 1 5 10 15
258 Phe Ala Lys Lys Phe Ala Lys Lys
259 20
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263 <211> LENGTH: 24
264 <212> TYPE: PRT
265 <213> ORGANISM: artificial
267 <220> FEATURE:
268 <223> OTHER INFORMATION: Periodic Peptide
270 <400> SEQUENCE: 13
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285 <220> FEATURE:
286 <223> OTHER INFORMATION: periodic peptide
288 <400> SEQUENCE: 14
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294 Lys Lys Phe Ala Lys Lys Phe Ala
295 20
298 <210> SEQ ID NO: 15
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300 <212> TYPE: PRT
301 <213> ORGANISM: artificial
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313 20
316 <210> SEQ ID NO: 16
317 <211> LENGTH: 24
318 <212> TYPE: PRT

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319 <213> ORGANISM: artificial
321 <220> FEATURE:
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324 <400> SEQUENCE: 16
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336 <212> TYPE: PRT
337 <213> ORGANISM: artificial
339 <220> FEATURE:
340 <223> OTHER INFORMATION: periodic peptide
342 <400> SEQUENCE: 17
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354 <212> TYPE: PRT
355 <213> ORGANISM: artificial
357 <220> FEATURE:
358 <223> OTHER INFORMATION: periodic peptide
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372 <212> TYPE: PRT
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375 <220> FEATURE:
376 <223> OTHER INFORMATION: periodic peptide
378 <400> SEQUENCE: 19
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393 <220> FEATURE:
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396 <400> SEQUENCE: 20
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/23/2006
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

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Seq#: 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51
Seq#: 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69

VERIFICATION SUMMARY

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